

ABSTRACT OF THE DISCLOSURE

A light guide includes: an optical medium; and  
light-scattering particles each having a scattering  
cross section  $\Phi$  and being contained in the optical  
5 medium with a density  $N_p$  so that light which enters the  
light guide from a first end face can propagate to a second  
end face while being scattered by the light-scattering  
particles. In the light guide, the product of the  
scattering cross section  $\Phi$ , the density  $N_p$ , the length  
10  $L_G$  of the optical medium in the light propagation  
direction, and a correction coefficient  $K_c$  is less than  
or equal to 0.9. Preferably, the product is less than  
or equal to 0.4 combining a plurality of optical mediums.